Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hr \_\_\_\_\_\_\_ Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Learning Set 3 Test Review

1. Define the following vocabulary terms:

* Selection pressure:
* Frequency:
* Adaptation:
* Extinct:
* Evolution:
* Natural selection:
* Theory:
* Artificial Selection
* DNA
* Nucleus

1. Give two examples of structural and behavioral adaptation of a dog.

* Structural
* Behavioral

1. Explain the relationship between natural selection and evolution.
2. In the springtime many people have their house sprayed to prevent the nesting of bees. If the population initially drops off but two months later you notice an increase in the population. Using what you have learned about variation in traits explain the increase in population.
3. A dog breeder in Wisconsin likes the poodle trait for not shedding and Labrador trait for size. The breeder combines these two traits together to create a Laberdoodle. What process is this called and explain why people use this process.
4. How do traits and environment interact?
5. Describe the difference between artificial and natural selection. Be sure to include the selection pressure in each.

|  |  |
| --- | --- |
| Scientist’s Name | Discovery/Accomplishments |
| Friedrich Miescher |  |
| Rosalind Franklin |  |
| Crick, Watson, and Wilkins |  |
| Charles Darwin |  |